

Name: _____

"Simplify your life. Find extra minutes or even hours in your day. You can have at least 47% more free time. To find out how, just send us \$25 today," the television announcer trumpeted. Write 47% as a decimal.

While Yuko was in Japan, she bought a doll that cost 1,943 yen. How much did the doll cost in U.S. dollars? The exchange rate was 111.58 yen per dollar.

The groundhog must feed her young so they can grow and be healthy. If she brings thirty-six berries back to the burrow to feed her young and they only eat half of them, how many berries did they eat?

Know how many inches in a foot? Okay, smarty pants, how many inches in 5 feet?

A toy car can go 4 mph. How long would it take to go 10 miles?

It was 90 degrees outside. What would the temperature be if it got 28 degrees colder?

The AZX Bottling Company bottled 3,200 2-liter bottles of Zest cola. How many kiloliters of cola did the company bottle?

Robert was trying to figure out which was larger, $\frac{2}{3}$ or $\frac{3}{4}$. His friend Megan suggested he draw two equally sized rectangles and use those to figure it out. How would Robert do it using Megan's suggestion?

Mr. Hernandez, our teacher, rides his bicycle to school every day. It is 1.4 miles from his house to school. Write as a mixed number in lowest terms the total distance he rides getting to and from school each day.

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Nathan made cookies for Remembrance Day. He made $2\frac{1}{3}$ dozen chocolate cookies, 2 dozen peanut cookies, and $\frac{1}{3}$ dozen oatmeal cookies. If he puts the same number of each cookie in each bag and has no cookies left over, what is the largest number of bags he can fill?

Connor and Jason are best friends. They decided to work together and make a huge poster complimenting their teacher for spending so much time making their classes interesting. They really liked being in his class. They found six pieces of poster board, each twenty inches wide and forty-six inches long. What is the area of the biggest poster they could make by taping the pieces together? (Note: They can cut the pieces.)

How many minutes is it from 8:00 a.m. to 11:30 a.m.?

Round 18,606 to the nearest thousand.

$$12 \div \frac{1}{8}$$

Peter and his friends are planning a trip to the World Eskimo-Indian Olympics in Fairbanks, Alaska. It is 2,828 miles from their town to Fairbanks. If they drive 370 miles each day, how long will it take them to get to Fairbanks?

The cost of a turkey is \$1.13 per pound. Write an equation for this function, and tell what each variable represents.

At Houdini's Magic Shop in Mathews, there is a book of magic tricks that costs \$5.95. If you are a member of Houdini's Magic Shop Book Club, you can get 15% off. How much would you save on the book by being a member of the book club?

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Emily is taking part in a memoir-writing project at Martin University. She plans to write 15 pages each day. How many pages will she write during March and April?

The fish in tank 1 are fed every 12 hours. The fish in tank 2 are fed every 4 hours. Assuming they are both fed at the same time on one day, how many hours will it be before they are again both fed at the same time?

The area of a square is 12.25 square inches. What is its perimeter?

Give two answers for x in each equation.

$$|x + 10| = 0$$

$$|6 - x| = 14$$



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Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Round the decimal 0.365 to the nearest hundredth.

What 5 coins add up to 38 cents?

How much money is 1 quarter, 1 dime, 1 nickel, and 4 pennies?

Write $\frac{2}{4}$ in lowest terms.

Estimate quickly the difference.
 $7,470 - 2,680$

10, 12, 14, 16, 18,
_____, 22, 24, 26, 28

It was 3 degrees below zero in the morning. By afternoon the temperature rose 16 degrees. How warm was it?

$6 \times 10 - 10$

The perimeter of a rectangle is 26 cm. The longer side is 9 cm. How long is the shorter side?

4, 132, 6, 117, 8, 102, 10,
_____, 12, 72, 14, 57

How much time is it from 9:00 a.m. to 10:30 a.m.?

Circle the three numbers whose product equals 81.

11 3 9

5 8 3

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<p>Last year, Megan put off completing 6 of 10 assignments during Procrastination Week. She wants to have the same ratio of not completed to completed assignments this year. If the teacher gives her 15 assignments this year, how many should she complete to keep the ratio the same?</p>	<p>Mrs. Smith is making fruitcakes at the bakery. Her recipe calls for $\frac{1}{2}$ of a cup of molasses and makes 5 fruitcakes. How much molasses will she need to make 30 fruitcakes?</p>	<p>Peter spent 17 minutes finding paper and pencils for his art project. He worked on his dragon picture for 1 hour and 23 minutes. It was 5:49 p.m. when he quit drawing. What time was it when he started?</p>
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<p>Sarah and her little sister, Emma, both have birthdays on the same day. Sarah is sixteen years old. Emma is eleven years old. Did you know that Sarah was once double the age of Emma? How many years ago was that?</p>	<p>Rosa rolls a die. What is the chance of her rolling a 6?</p> <p>_____</p>
	<p>7 lb = _____ oz</p>

<p>$3 \times 10 =$ _____</p>	<p>1 kg = 1,000 g</p> <p>9 kg = _____ g</p>	<p>$8 \div 2 =$ _____</p>	<p> $\begin{array}{r} 35 \\ + 28 \\ \hline \end{array}$ </p>
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<p>How many centimeters are in 80 millimeters?</p> <p>_____ centimeters</p>	<p>$75,758 - 17,259 =$ _____</p>
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$(8 + 4) + 5 =$	$\begin{array}{r} 491 \\ - 479 \\ \hline \end{array}$	$63 \div 7 = \underline{\hspace{2cm}}$

<p>Wendy is a family friend. She will be picking you up from school and driving you to a bank. Where should she go? Write instructions to explain how she could get there and where you will be going.</p>	$\begin{array}{r} 347 \\ + 398 \\ \hline \end{array}$

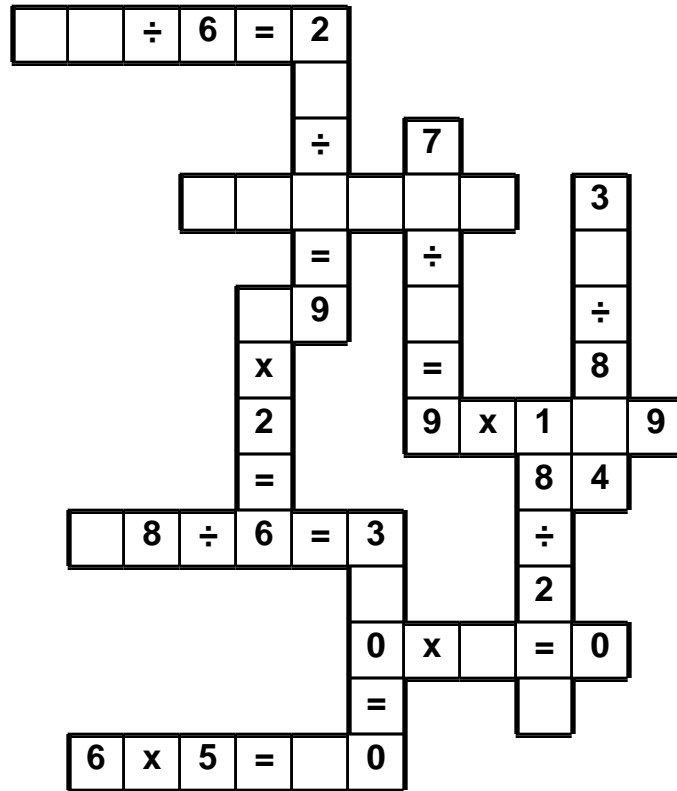
$6 \times 9 =$	What is the largest possible sum of two three-digit numbers? Show the two numbers.	$54 \div 9 =$

$20 \div 2 = \underline{\hspace{2cm}}$	$\begin{array}{r} 94 \\ - 76 \\ \hline \end{array}$	<p>The boys in your class each were given a ticket with a number on it. The numbers given out were: 13, 34, 39, 32, 27, 16, 36, 19, and 10. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 6?</p>	$9 \times 8 =$

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$1,639 + 3,223 =$ _____		Write this as a number in standard form. Use a comma in your number. eight hundred eighty thousand, four hundred thirteen _____
You cannot decide what pizza store to go to. Rosa's pizza cuts their pizza into 7 slices. Each slice costs \$2 each. Mary's pizza cuts their pizza into 8 slices. Each slice costs \$2 each. If you like each pizza the same, which pizza store has the better buy?		Can 562 be evenly divided by 3? Circle: 562 is evenly divisible by 3 562 is NOT evenly divisible by 3
$458 + 312 =$ _____	Three girls ran a race. Jessica was not as fast as April. April ran past Mary in the race and Mary never caught up. Who won the race? Do you have enough information to know?	
Circle the smallest number: 567,248 18,654,359,012 319,073,029 6,847,582,743		
$10 \times 9 =$	Circle the addition property for $62 + 186 = 186 + 62$. associative property commutative property	$2 \times 9 =$ _____

Use the pieces above to help you fill in the runaway math puzzle.

 $9 \times 7 = \underline{\hspace{2cm}}$ $11 \times 2 = \underline{\hspace{2cm}}$

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The EdHelper Clothes store at the mall has four employees (Morgan, Devin, Matthew, and Thomas). This week they worked 26, 18, 29, and 21 hours. The employees at EdHelper Clothes are paid by the hour. Each employee is paid at a different hourly rate (\$10.64, \$10.46, \$10.94, and \$10.02).

Figure out how many hours each employee worked this week. Also, determine each employee's hourly pay.

1. The employee that worked twenty-six hours this week, worked thirty-one hours last week. Last week, the employee earned \$53.20 more than the amount the employee earned this week.
2. Matthew earns less than \$10.94 per hour.
3. This week, Matthew worked the most number of hours.
4. Morgan earns the least amount of money per hour.
5. Morgan had the smallest paycheck for the week.
6. Devin worked less than twenty-six hours this week.

Morgan worked _____ hours and was paid _____ hourly.

Devin worked _____ hours and was paid _____ hourly.

Matthew worked _____ hours and was paid _____ hourly.

Thomas worked _____ hours and was paid _____ hourly.

The equation $48 \div 16 + 35 = 38$ uses three different numbers and two different equations.

Make up your own equation which also has three different numbers and two different equations. The answer to your equation needs to be 416.

$$96 \div 8 = \underline{\hspace{2cm}}$$

$$84 \div 12 = \underline{\hspace{2cm}}$$

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$$2 - 3 - 2 =$$

$$-11 - 9 =$$

$$-6 \times -7 =$$

$$-9 + -6 =$$

$$-3 - 6 =$$

$$-15 \div -3 =$$

$$\frac{18}{-6} =$$

$$-8 \times -3 =$$

$$11 + -14 =$$

$$-45 + 32 =$$

$$2 - 7 - 1 =$$

$$-3 + 4 =$$

$$-27 + 16 =$$

$$3 + -8 =$$

$$-4 - 3 - 2 =$$

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Anne has given powers to her collection of dolls. There are the A dolls and the H dolls. Today she is having a match between one A doll and one H doll. The doll with more power will win. Who will win?

Three A dolls have 5 power points.

Six H dolls have 7 power points.

What is the greatest common factor of the numbers 126 and 42?

$$|-12| - f = 5$$

$$f =$$

Simplify.

$$\frac{9,600}{14,400} =$$

Find the least common denominator for the fractions $\frac{9}{28}$ and $\frac{7}{8}$.

What is the area of a rectangle with a length of 24 centimeters and a width that is $\frac{1}{2}$ the length?

$$6 - 8 \div 2$$

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Write an algebraic expression for each statement.

Product of k and 2

Sum of 6 and m

Quotient of 15 and r

Subtract 7,172 from s

y less than 8

Hannah has 10 pieces of candy. Emma has 5 more pieces of candy than Hannah. How many pieces of candy does Emma have?

Alex has z pieces of candy. Robert has 7 more pieces of candy than Alex. How many pieces of candy does Robert have?

If z is equal to 12, then how many pieces of candy does Robert have?

Amy has a jar filled with quarters. She doesn't know how many quarters she has, so let's just say she has q quarters. This week she added 4 quarters to the jar. How many quarters are in the jar?

Write another algebraic expression to show how much money is in the jar.

Emily started coding.

$$k = 20$$

$$m = 82$$

$$z = k + m$$

$$s = 4 + m$$

If she runs the program, what would be the value of z ?

If she runs the program, what would be the value of s ?

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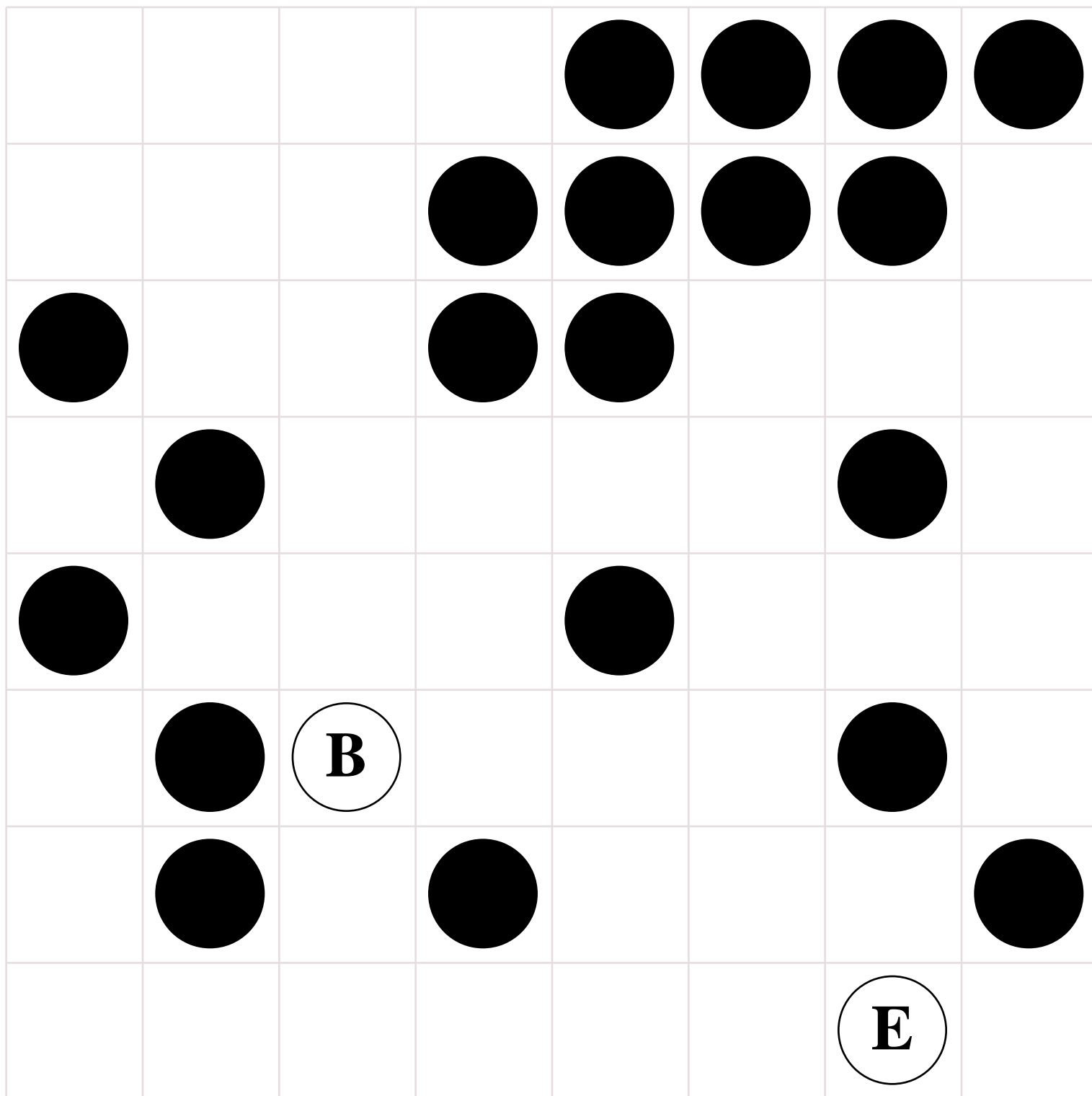
<p>Jack flew home for Christmas. His flight was 2 hours and 14 minutes. The flight landed in Jacksonville at 5:15 p.m. It took him 37 minutes to drive to the airport, and he was an hour and 10 minutes early for his flight. At what time did he leave his house?</p>	<p>According to Bartholomew Cubbins, 20 of his hats had feathers. Twenty of the hats with no feathers were red, 15 were green, and 30 were blue. What is the ratio of hats with feathers to hats with no feathers? (Write as a fraction in lowest terms.)</p>	<p>All the students at William Anderson Middle School had their heights and weights measured on Weights and Measures Day. The total weight of the students was 27,081 pounds. Their average weight was 100.3 pounds. How many students were weighed?</p>
<p>Alex read that 83% of fifth grade students have eaten macaroni and cheese at least one time. If he asks 160 fifth grade students if they have eaten macaroni and cheese, about how many should say they have?</p>	<p>Mr. Bloop weighed two of his roosters. One weighed 1 kg, and the other weighed 471 g less. How much did the second rooster weigh?</p>	<p>The latest science test in Ms. Floop's class produced the following results: 21% of the students received an A. It so happened that 6 students earned A's. How many students took Ms. Floop's most recent science test?</p>

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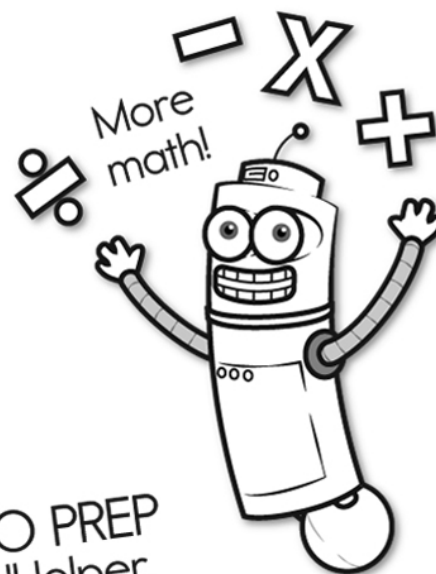
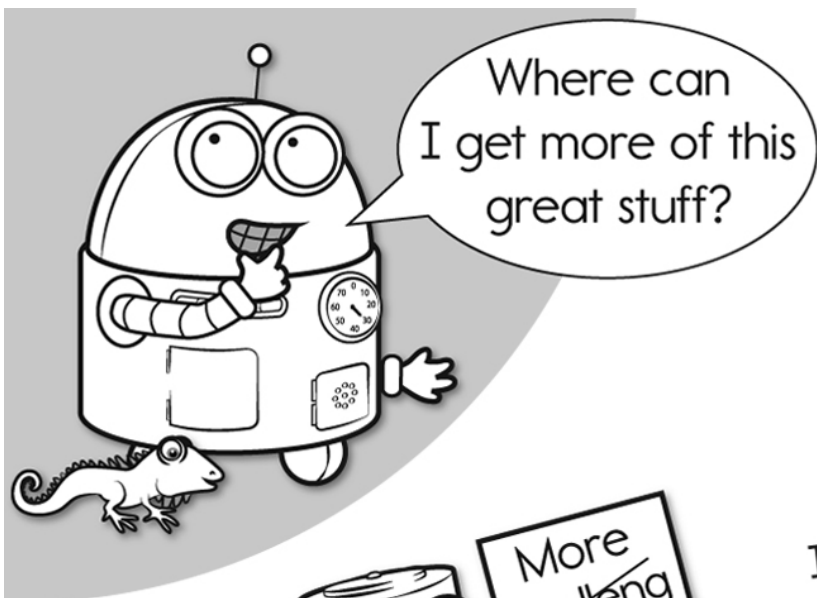
Date _____

Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a circle. No stopping on an empty box.** Try to collect all the circles and finish your last line on the **E** circle. You can go through a circle more than once.



Didn't get them all? That's ok. This was hard.

I missed _____ circle(s).



It's NO PREP at edHelper.

More history!

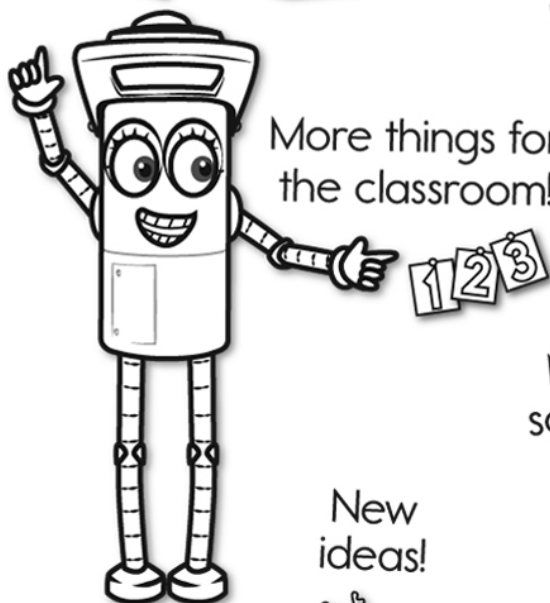


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